

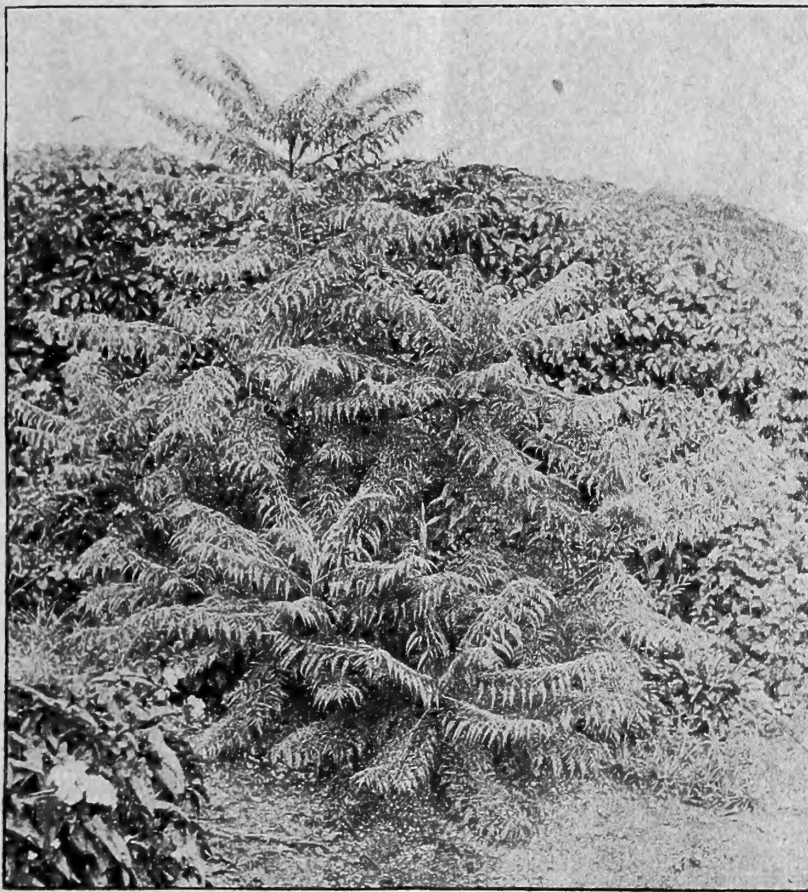
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U.S. Department of Agriculture
FEB 10

SUPPLEMENTARY CATALOGUE
OF
TESTED NOVELTIES

IN
Hardy Trees, Shrubs, Vines, Flowers,
and Fruits,



THE CUT-LEAVED STAG-HORN SUMAC.
(See page 19.)

Offered by

THE READING NURSERY,

JACOB W. MANNING, Proprietor,

Established in 1854.

READING, MASS.

LONG DISTANCE TELEPHONE CONNECTION.



ADVICE TO CORRESPONDENTS.

Please Carefully Observe the Following.

TERMS. — Cash in advance from all unknown correspondents, or satisfactory references. When goods are ordered to be sent C.O.D. we require one-fourth of the amount in advance, and we shall add the return express charges on the money to the bill.

REMIT. — Large amounts by cashier's check on any bank in Boston, New York, or Reading. Smaller amounts by Registered Letter or Money Order on Reading.

EARLY ORDERS. — Customers should send in their orders as early as possible, as it is necessary for us to fill the same in the order of their receipt. Our work in the shipping season is very much crowded owing to our dependence on the weather conditions, and if the above rule is observed it will save the ordering party much possible inconvenience and delay. Parties are very apt to wait until the shipping season before sending in their orders, and then it is necessary for those orders to await their turn, which sometimes requires a delay which may be injurious. It is only in very exceptional instances that we can fill orders in other than regular turn.

SHIPPING DIRECTIONS. — Observe great care to write the address legibly, giving street and number, also state distinctly whether you desire the goods sent by express or freight, and in the former instance by what company, if there is a preference.

Where no directions are given as to mode of conveyance we will use our best judgment in the matter.

LABELLING. — All goods are carefully and legibly labelled as per invoice.

PACKING. — Goods are packed in bales or boxes in the best possible manner, with sufficient moss, hay, and other material to insure the safe and fresh arrival of the goods to the purchaser. We make a charge for the extra material and labor to cover the actual cost.

DELIVERY. — All goods delivered to freight or express station at Reading free of cost. Our responsibility for the safe delivery of the goods to the consignees ends here. The forwarders alone must be held responsible for loss or delay in transit.

ERRORS. — Any errors that may occur in filling orders should be reported to us at once and immediate correction will be made by us. Complaints entered after the goods have been in the purchaser's hands ten days cannot be entertained.

GUARANTEE. — We guarantee all trees and plants true to name and in good condition on leaving our hands, but do not guarantee them to live under all conditions, nor do we make up any loss whatever due to climate effects, or after-culture on the part of the purchaser. In case any mistake should happen in the naming of plant we will replace it with the true variety as ordered, but we are not liable to more than its original invoice value in refunding money.

DECIDUOUS TREES.

For full cultural directions for and descriptions of these and over three hundred other varieties of Hardy Deciduous Trees, see our Illustrated Descriptive Catalogue of 200 pages.

Acanthopanax ricinifolium. [syn. *Aralia Maximowiczii*.] Japan. 20 ft. A most remarkable small tree, with upright spiny trunk and extremely showy, palmate, five to seven lobed leaves of richest, deepest green, each leaf on a strong, long stem. One of the most picturesque trees imaginable, valuable for single lawn planting or wherever rich sub-tropical effects are needed. \$2.00.

Amelanchier ovalis. We can offer this charming novelty grafted 4 to 5 feet high on a straight stem, in this way forming a most effective lawn plant. It forms a dense globular head, with neat, oval, glossy-green foliage turning bright-crimson in autumn, and myriads of handsome, drooping clusters of pure-white flowers in early spring, followed by heads of shining-black turning to bright-red fruits, which remain until hard frost. \$1.00.

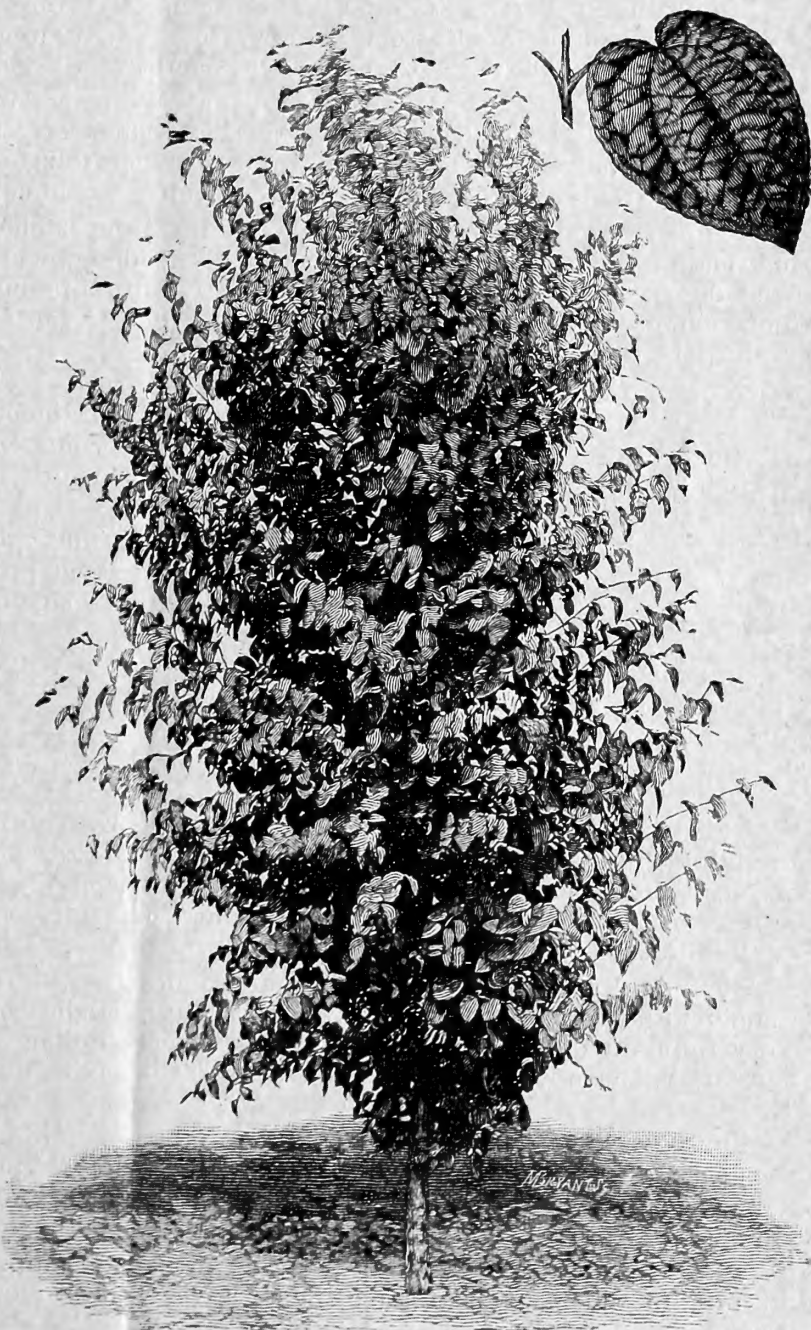
Catalpa bignonioides var. purpurea. [Purple-leaved Catalpa.] A rich purple-leaved variety, retaining its color well on the young growth and contrasting finely with the greener tints of the older foliage. \$1.00.

Catalpa Bungei. [Bunge's Dwarf Catalpa.] This valuable dwarf tree when grafted to a high stem forms a dense globe of highly ornamental foliage rendering the tree especially noteworthy in this respect. Choice for lawn planting. \$1.00.

Cedrella Chinensis or Ailanthus flavescens. 30 ft. China. A beautiful Chinese tree of medium size with strong, vigorous habit of growth and very large compound foliage similar to that of the Ailanthus, and equally as effective a tree as the Ailanthus, without its disagreeable odor when flowering. A choice addition. \$1.00.

Cerasus Japonica var. rosea pendula. [Weeping Rose-flowered Japanese Cherry.] A charming novelty producing in early spring, at the bursting of the leaf buds, clusters of rich pink, fragrant flowers the entire length of the branches, forming long drooping festoons. The tree when grafted on a stem forms a beautiful weeping specimen for the lawn, and its rich foliage in summer adds to its attraction. \$1.50.

Cercidiphyllum Japonicum. 80 ft. Japan. A tree of symmetrical habit, forming in time a large oval pyramid. Very handsome heart-shaped leaves,



Cercidiphyllum Japonicum.

light, flesh-colored when small, changing to light-green as they become fully developed. Bark bright reddish-brown. Flowers inconspicuous. Its handsome foliage, clean, upright, and compact growth, combine to make it one of the finest new trees for lawn or park. \$1.50.

Fagus sylvatica var. purpurea major. A new and very rich-colored purple-leaved Beech, with foliage the darkest of any variety yet offered and of lasting quality. \$2.00.

Fagus sylvatica var. purpurea pendula. [Weeping Purple-leaved Beech.] Undoubtedly this is one of the finest introductions among ornamental trees for many years. Foliage large and healthy and of deepest blood-red, and retains its color to the latter part of season. Fully as rich in color as the noted River's Purple-leaved Beech. The tree forms an irregular and picturesque mass of drooping and eccentrically twisted branches with a comparatively straight leader. For lawn planting, either singly or grouped with other trees, this cannot fail to produce a picturesque effect. \$2.50.

Fagus sylvatica var. purpurea rosea marginata. [Rose-margined, Purple-leaved Beech.] A very rare and choice variety of the purple Beech with each leaf conspicuously margined with pink. A novel contrast of color and of good lasting quality. \$2.50.

Gleditsia triacanthos var. inermis. [Thornless Three-thorned Acacia.] A variety of the ordinary Honey Locust quite free from the usual extravagant thorns, thus allowing a free use of this distinctly ornamental and picturesque tree. 75 cents.

Magnolia Fraserii. 40 to 50 ft. Carolinas. A rare Southern species of Magnolia perfectly hardy in the vicinity of Boston. Showy, oval, light-green leaves of large size, and handsome, pure-white, fragrant flowers, often six inches across. \$2.00.

Morus Tartarica var. pendula. [Tea's Weeping Mulberry.] A tree of highest ornamental merit. Especially adapted for lawn planting. The tree when grafted on a stem forms a perfect umbrella of handsomely cut and bright, glossy-green foliage, the branches diverging nearly vertically to the ground. Well tested, and can be especially recommended. \$1.50.

Pyrus floribunda var. atrosan guinea. A most charming flowering Apple, forming a compact small tree or large bush, and completely loaded down in May with innumerable single flowers of the deepest red borne in clusters from every unfolding bud, and followed by bright crimson fruit, which remains attractive until the depth of winter. A most valuable plant for the lawn or to group with larger-growing shrubs. \$1.00.

Quercus Robur var. concordia. [Golden Oak.] No tree of recent introduction has met with so hearty welcome as this. A tree of perfect hardihood, of vigorous growth, producing healthy foliage of a brilliant golden color, quite constant throughout the growing season; is an acquisition long looked for. For the lawn, either planted singly or in clumps of other foliaged trees for contrast, this is unsurpassed. \$1.50 and upwards.

Salix Babylonica var. ramulis aurea. [Golden-barked Babylonian Willow.] A hardy variety of the Babylonian Willow of immensely rapid growth and with brightest golden bark in winter. Choice for ornamental planting either for foliage effect or for strong contrast with darker-hued barked trees in winter. \$1.00.

Salix Sieboldii. [Siebold's Willow.] 40 ft. Japan. One of the most distinct species of Willows, a native of Japan, of extremely rapid growth, with the distinct habit of the Lombardy Poplar when young, with a clean, well-developed trunk. The foliage is long, narrow, and of pleasing light green. Bark, light green. A tree with a future for use as an ornament to the lawn. 50 cents.

Syringa Japonica. [Japan Tree Lilac.] 30 ft. June. One of the choicest of recent introductions, of which we can now offer a very superior stock. A vigorous-growing tree forming a dense oval top with smooth, glossy, rich-green foliage, and in summer producing at the extremity of the branches immense broad panicles of pure-white flowers. One of the choicest of lawn trees. \$1.00. Trees 6-7 ft. high, \$2.00 and upwards.

Syringa ligustrina var. Pekinensis pendula. [Weeping Chinese Lilac.] A most charming ornamental lawn tree when grafted on a stalk at a height from the ground, when the top forms a most showy fountain of drooping foliage and flower. Foliage bright green, oval, and glossy; flowers fragrant and pure white in dense bunches at the axils of the leaves the length of the branches. \$1.50.

Syringa Pekinensis. 20 ft. June. Japan. A valuable new Japanese Lilac of very rapid growth, soon forming a well-defined small tree, with ample foliage and extremely showy terminal clusters of pure white fragrant flowers in July. The flower clusters are often nearly a foot in diameter and with a height in proportion. \$1.00.

Ulmus campestris var. Dampierrei aurea. [Dampierre's Golden Elm.] A charming novelty with bright, golden-yellow foliage, deeper green toward centre of leaf. An effective lawn plant. \$1.00.

Ulmus campestris var. Louis van Houtte. [Van Houtte's Golden Elm.] A vigorous and very effective novelty, with intensely golden-colored foliage quite effective throughout the season. \$1.00.

EVERGREEN TREES.

Our collection of choice hardy Coniferous Evergreens is now, and has been for many years past, the most complete in New England, and one of the finest in America. Our Illustrated Descriptive Catalogue of two hundred pages fully describes and gives cultural directions for over one hundred and fifty varieties, a part only of our entire collection.

Abies nobilis var. glauca. [Silvery Noble Fir.] A magnificent variety of the Noble Fir, with foliage beautifully tinged with silvery-gray. Very distinct, and with its massive habit of growth a worthy tree for every lawn. \$2.00.

Juniperus Virginiana var. Schottii. A variety of the Red Cedar; of distinctly pyramidal habit of growth, and with foliage of an unusual light shade of green. 75 cents.

Juniperus sub-alpina. Colorado. An apparently distinct species, with very finely cut foliage and grayish, parchment-like bark. A quick-growing, accurately pyramidal small tree. 75 cents.

Juniperus Strica. A very distinct form in our collection, with distinct silvery foliage, well retained in color winter and summer, rendering it unusually valuable for contrast effects. It is of very rigid, dense habit, forming a broad pyramid. A plant of high merit. 75 cents.

Picea Parryana var. glauca. A most distinct silver-foliaged evergreen, quite distinct from the *Picea pungens* var. *glauca*, in its shorter leaves by one-third, their bluntness, and being placed much more thickly on the branches. The entire habit of the plant is more compact than the Rocky Mountain Blue Spruce. A fine addition for lawns too small to accommodate the *Picea pungens* when fully developed. \$5.00 each.

Picea nigra var. Doumetti. A rare form of the Black Spruce, of close pyramidal habit of growth, and with rich, dark green, thickly set foliage. \$1.00.

Retinospora filifera var. aurea. (Golden Weeping Japanese Cypress.) One of the most elegant of small evergreens, with beautiful, drooping, thread-like branchlets, with the foliage elegantly tipped and spotted with golden yellow. An acquisition of highest merit. \$2.00.

Thuya occidentalis var. Ellwangeriana. A choice dense-growing Arbor-Vitæ with slender branchlets clothed with soft, bronzy-green foliage. \$1.00.

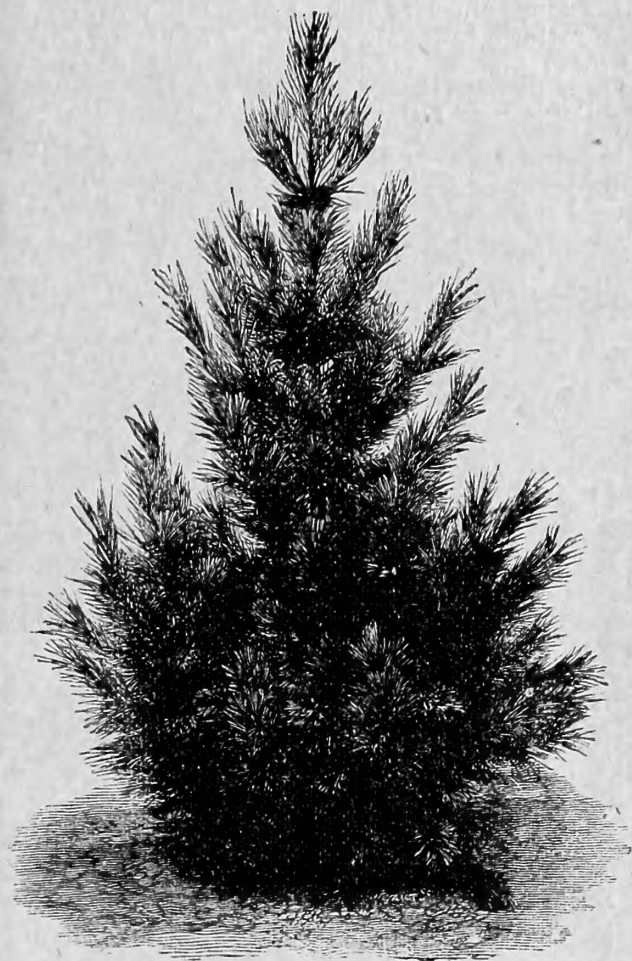
Thuya occidentalis var. Spathæ. An elegant German variety, with slender, thread-like, rich green foliage. \$1.00.

Retinospora obtusa var. nana aurea. A rare and unique form of the Dwarf Obtuse-leaved Japanese Cypress, with foliage handsomely tinged with gold. \$1.50.

Tsuga Canadensis var. Sargentii pendula. Of this exceedingly rare and elegant weeping lawn-tree we can supply a good quantity of small plants. No evergreen can be more highly recommended for single lawn-planting than this Sargent's Weeping Hemlock. Small plants. \$2.00 each and upwards.

Juniperus excelsa var. stricta. A most elegant small evergreen of strictly pyramidal habit, with very fine foliage, and this of a most charming silvery hue. Very choice. \$1.00.

Thuya dolobrata var. variegata. Fine silver variegated form of the Hatchet-leaved Arbor-Vitæ. \$1.00.



Cembrian Pine (3 feet high).

SHRUBS.

Aralia Mandschurica or **Dimorphanthus Mandschuricus**. A very ornamental shrub, with long and very deeply cut foliage, imparting a decidedly sub-tropical aspect to a group. 75 cents.

Berberis Hakodate. 4 ft. Japan. Handsome Japanese species, forming a broad bush. Flowers bright yellow, in showy clusters. Foliage very broad, deeply toothed, thick, and spiny. Very distinct. 75 cents.

Berberis ilicifolia. [Holly-leaved Barberry.] 3 ft. Terra del Fuego. July. Rare and desirable addition, with nearly evergreen foliage, which is very thick and spiny, resembling the leaf of the Holly. Quite hardy and very effective. 50 cents.

Callicarpa Americana. [French Mulberry.] Amer. 3 ft. A neat-growing globular bush, with dense clusters of bluish-purple flowers at the axil of the leaves along the length of the branches, and followed by showy clusters of bright purple berries. Requires light, well-drained soil to succeed in this climate. 50 cents.

Caryopteris Mastacanthus. (Blue Spiræa.) 4 ft. China. A beautiful Chinese shrub, forming a neat, compact bush with handsome foliage, and commencing in midsummer it gives a constant succession of bloom until cut back by hard frost. In the vicinity of Boston this plant will probably act in the same manner as the *Desmodium penduliflorum* by being cut back to the surface of the ground each winter, but to come again from below the following spring with renewed vigor. The flowers are borne as shown in cut, and load the branches to the ground beneath their weight, and are of a rich lavender-blue of a shade difficult to obtain among flowers. We look for a great popularity of this plant. 50 cents.

Colutea purpurea. [Purple-flowered Bladder Senna.] 6 ft. A rare variety, with flowers richly marked with purple. 75 cents.

Cornus Spæthi. [Spæth's Golden Dogwood.] Very remarkable variety, with foliage broadly margined by bright golden-yellow. One of the best of golden shrubs. 75 cents.

Corylopsis pauciflorus. 4 ft. Japan. April. A choice and very rare Japanese plant, forming a low, broad bush with hazel-like foliage, and in early spring, with the first opening of the buds quite enveloped by the myriads of small drooping clusters of bright yellow flowers with the odor of the Primrose. \$1.00.

Cotoneaster horizontalis. 2 ft. Japan. Choice evergreen, with minute deep glossy-green foliage. A plant of prostrate habit of growth, admirable for covering low walls, or to use to cover rocks and stumps. 75 cents.

Daphne Genkwa. 3 ft. Japan. Very rare Japanese evergreen, with oval, deep-green foliage. In spring the small, intensely fragrant lilac flowers are borne in dense clusters at the axils of the leaves. \$1.00.

Deutzia crenata var. **Watererii**. A new variety, with white flowers, and these more double than any other variety yet offered. 50 cents.

Deutzia gracilis var. **variegata**. [Variegated Snow-flower.] Fine variety, with foliage richly variegated with green and yellow. 50 cents.

Deutzia parviflora. 4 ft. Northern China. A stout, upright shrub quite enveloped in early June with its prolific mass of creamy-white flowers in spikes. One of the finest of its class. 50 cents.



Caryopteris Mastacanthus. (Blue Spiræa.)

Deutzia Sieboldii. A variety of *D. crenata*, said to be very distinct. 50 cents.

Enonymus alatus. [Cork-barked Strawberry Tree.] 6 ft. Rare form, with branches covered with very angular and peculiar bark. Odd. \$1.00.

Forsythia intermedia. A new form, with foliage similar to *F. viridissima*, but with bright golden-yellow flowers. A strong, vigorous-growing bush. 35 cents.

Hypericum Moserianum. 2 ft. All summer. A hybrid between *Hypericum patulum* and *H. calycinum*, forming a well-branched bush with good foliage, and a continuous succession of large, showy yellow flowers. Planted in light soils with partial protection, this will prove very satisfactory. 50 cents.

Itea Virginica. 2 ft. June. A choice shrub with smooth glossy foliage, taking rich, autumnal tints, and producing numerous showy spikes of pure-white flowers. 35 cents.

Ligustrum meadia. 8 ft. Japan. A new Privet from Japan of perfect hardihood, forming a broad, low-branched shrub, with neat, deep-green, oval foliage, and quite enveloped in June with its showy clusters of fragrant creamy-white flowers, later followed by shining black berries. 35 cents.

Lonicera oblongifolia. [Swamp Fly-honeysuckle.] 4 ft. June. A neat pyramidal-growing shrub with oval foliage, yellowish-white flowers, and bright purple berries. 35 cents.

Menziesia globularis. 8 ft. Carolinas. A neat deciduous Southern shrub, with reddish bark and small, nodding, pink-white flowers in terminal clusters. 35 cents.

Pavia macrostachya. [Dwarf Horsechestnut.] 7 ft. Late July. A rare shrub, long known, but much neglected. This forms a broad hemispherical bush with very ornamental foliage, and in late July and early August produces numerous immense spikes of finely cut white flowers with prominent pink stamens. In this we have the beautiful foliage of the Horsechestnut, but with much longer and handsomer spikes of flowers. For single lawn planting this cannot be excelled. \$1.00.

Philadelphus coronarius var. variegata. [Variegated Syringa or Mock Orange.] A beautiful variety of the common Mock Orange, with foliage handsomely banded with yellow. A choice addition. 75 cents.

Ptelia trifoliata var. aurea. [Golden Hop Tree.] 9 ft. Among small-growing trees or large shrubs nothing can be found to excel this in the richness of color of foliage. A plant of vigorous growth, with showy compound foliage of a most brilliant shade of clear golden-yellow, heightened in effect by the glossy varnished-like surface, and well retained in color throughout the season. \$1.00.

Rhododendron Vaseyii. 6 ft. A rare deciduous Rhododendron (*Azalea*) from the mountains of North Carolina. It forms a compact bush, with ample foliage, and in May produces numerous clusters of large showy flowers, varying from a most delicate porcelain pink to a rich light rose, and with a most delightful fragrance. Its hardihood is fully established, and we know of nothing that we take greater pleasure in offering than this. \$1.50.

Rhododendron maximum. [Great Bay.] 8 ft. July. A rare native, and one of the richest evergreen shrubs obtainable, with very long, oval, deepest green foliage, and during June and July bearing showy clusters of flesh-pink or pure-white flowers in great profusion. The latest flowering of the hardy Rhododendrons, and of rapid growth. \$1.50.

An unusually fine stock of extra heavy clumps, transplanted, and many with bloom-buds. 18 to 36 inches. \$1.75 to \$5.00 each.



Rhododendron Maximum.

NEW ROSES.

We would call the attention of our customers to the following new and recently introduced Roses, which combine distinction in color with individual merit over older sorts:

Agnes Emily Carmen. (Hyb. Rugosa.) A cross between the Rosa rugosa and Harrison's Yellow Roses, producing a plant of dense bushy habit, with showy foliage and dense clusters of deep crimson, semi-double flowers borne at frequent intervals from early summer until hard frost. 50 cents.

Blanc Double de Courbet. (Hyb. Rugosa.) Flowers of purest paper white in clusters of from five to ten. Very double and fragrant, and a nearly perpetual bloomer. The plant is a strong, rampant grower, with the true foliage of the Rosa rugosa. 50 cents.

Captain Hayward. (Hyb. Perp.) Bright crimson carmine, in an entirely distinct shade of color. Flowers of perfect form and very sweet. Healthy, vigorous grower, and an abundant bloomer. 50 cents.

Crimson Rambler. (Hyb. Mult.) A remarkably fine new pillar Rose of rapid growth, with handsome glossy foliage, and producing in early summer a constant succession of magnificent and exceedingly showy, very double rich crimson flowers. The plant is of exceptionally vigorous growth, making shoots from nine to twelve feet in length in one season with proper culture. This has been proved absolutely hardy, and is one of the most noteworthy additions to our list of perfectly hardy climbing roses. 50 cents. Extra heavy plants, \$1.00.

Earl of Dufferin. (Hyb. Perp.) Richest velvety crimson, shaded with dark maroon. Large, very full, intensely fragrant, splendid form. Healthy, vigorous grower, and a prolific bloomer. 50 cents.

Empress of China. A rampant climber, commencing to bloom in early summer, and continuing until hard frost, with flowers of medium size, semi-double, deep red in the bud, changing to pink and red in opening, and a charming fragrance. Fine for covering trellises. 50 cents.

LORD PENZANCE'S HYBRID SWEET BRIARS.

These constitute a most interesting class of perfectly hardy Roses, being crosses of the ordinary Sweet Briar with various other hardy forms, in each case reproducing the fragrant foliage of the Sweet Briar with the added variety in size and color and abundance of bloom. All form sturdy, vigorous plants.

Amy Robsart. Lovely deep-rose.

Anne of Gierstein. Dark crimson.

Brenda. Maiden's blush, or peach.

Flora McIvor. Pure white-tinged rose.

Lady Penzance. Soft copper, with a most charming metallic lustre; the base of each petal pure yellow; golden anthers. Elegant.

Lord Penzance. Soft fawn, shading to yellow in centre, and tinted with pink. Exquisite.

Rose Brandwarden. Clear rose.

Price, 75 cents each.

Marchioness of Londonderry. (Hyb. Perp.) One of the most noteworthy of the newer Hybrid Perpetual Class. Vigorous, healthy grower, with broad foliage, and producing an abundance of the purest ivory-white flowers of perfect form and charming fragrance. 50 cents.

Marchioness of Lorne. (Hyb. Perp.) Hardy and vigorous, yet as beautiful, fragrant, and free-blooming as a Tea Rose. Of a rich, shining rose color, shaded with vivid crimson. 50 cents.

Margaret Dickson. (Hyb. Perp.) "A most valuable addition to our white perpetuals, probably leaving all other white flowers in the background." — *Journal of Horticulture, London, Eng.* Of magnificent form, white with pale flesh centre, with very large shell-shaped petals of great substance. Fragrant. 50 cents.

Mrs. John Laing. (Hyb. Perp.) Generally conceded the finest of the newer pink Roses, and can be most highly recommended. Large flowers of finest form, soft pink with deeper shades. Intensely fragrant; a free and continuous bloomer. 50 cents.

Mrs. R. S. Sharman Crawford. (Hyb. Perp.) A fine vigorous variety, with handsome large flowers of perfect imbricated form, and deliciously fragrant. Rich clear rose pink, outer petals shaded with white. Very distinct. 50 cents.

Pink Rambler. (Dawson Rose.) (Hyb. Mult.) We would call attention to the Dawson Rose, as a fit companion to the Crimson Rambler and Yellow Rambler, of perfect hardihood, and adapted for all situations where climbing Roses are desirable. The flowers borne in dense clusters, semi-double, and of a deep clear pink, exceedingly fragrant. 50 cents.

Yellow Rambler Rose. (Aglaia.) This has proved the hardiest of double yellow climbing Roses, standing an exposure of two degrees below zero with safety. We do not recommend it, however, as being perfectly hardy in the vicinity of Boston without protection. It is related to the Crimson Rambler, and, like it, bears large clusters of flowers. The color is of a rich clear yellow, the most decided in shade of any of the hardy Yellow Roses. Light plants. \$1.00.

The set of three Ramblers (Yellow, Pink, and Crimson), for \$1.75.

Spiraea arguta. 3 ft. Japan. One of the finest of early blooming shrubs, of open habit of growth, with narrow oval, deep-green foliage, and in early May each branch is quite enveloped and bent beneath the wealth of minute, purest-white flowers producing a most beautiful picture. The earliest of all Spiraeas. A great acquisition. 50 cents.

Spiraea Anthony Waterer.
A novelty of the highest merit. The plant is very dwarf and bushy, seldom exceeding a foot in height, and is in constant bloom from early June until October. The flowers are of a bright crimson outshining in color all other Spiraeas, borne in dense flat clusters, and these in great abundance to nearly hide the foliage of the plant at times. For general planting, this can hardly be equalled, being adapted for the border, at the edge of beds of shrubs, for ribbon planting, or even as a low hedge plant or for edgings. A very large stock of fine plants. 50 cents each, 6 for \$2.00.

Stephanandra flexuosa. 4 ft. This fine new shrub, of Japanese origin, forms a densely branched bush with deeply toothed foliage of a rich glossy green, taking on unusual tints of reddish purple in its young growth and again at its autumn ripening. The branches are long and slender, densely clothed with branchlets, and the white flowers, though minute, are borne in such profusion as to give a showy and airy effect to the whole. Good plants, 35 cents; heavy, 50 and 75 cents.



Spiraea Anthony Waterer.

HYBRID LILACS.

Of these we have a unique collection of the newer and rarer sorts, and certainly there is no class of plants that are more worthy of free use in shrubbery plantations than these; their immense profusion of bloom, charming fragrance, and range of color, render them particularly useful. Below we give the cream of our collection.

Azurea plena. Double; rich purplish-blue.

Condorcet. Double; pale blue.

Gloire de Croncels. Reddish purple.

Lamarque. Double; rosy lilac. Large truss.

Langius. Rosy lilac. Late bloomer.

Ludwig Spaeth. Dark reddish-purple.

Mme. Jules Finger. Satiny rose.

Madam Moser. Purest white.

Mathieu de Dombasle. Double; reddish mauve.

Pres. Grevy. Double; deep blue. Grand.

Price, \$1.00 each, the ten varieties for \$8.00.

Viburnum tomentosum. 12 ft. Japan. This is the fertile form of the Japanese Snowball, so widely known under the name of *Viburnum plicatum*, and bears the same relation to the latter as the High Bush Cranberry (*Viburnum opulis*) does to the Guelder Rose (*Viburnum opulis* var. *sterilis*). The plant forms a broad, handsome bush, with particularly striking light-brown branches, and beautiful, oval, hairy, ribbed foliage, green above, and distinctly bronzy beneath. The flowers are pure white, borne in showy flat cymes, and these in the greatest profusion in late May and early June, followed by scarlet berries. A shrub of high ornamental value. 75 cents.

VINES.

The following Clematis can be very highly recommended :

Clematis "Madam Edouard André." This fine clematis was first exhibited at the World's Fair, Chicago, in the French Department, where it attracted universal attention owing to the brilliancy of its flowers, which are of the most vivid crimson, extremely large in size and produced in greatest abundance even on plants of small size. A rapid, hardy climber, prolific and continuous bloomer, and quite unapproached in color by any other clematis. \$1.50.

Clematis "Madam Baron Villard." Another magnificent new variety of hardy, vigorous constitution and a prolific bloomer. Flowers of the most delicate satiny pink. \$1.50.

Clematis paniculata. A Japanese plant recently introduced to this country, and possessing unusual merits. A vine of rapid growth, quickly covering trellises and arbors with handsome, clean, glossy-green foliage. The flowers are of medium size, pure white, borne in immense clouds, and of a most delicious and penetrating fragrance, and bloom for a period of several weeks in September and October. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so freely, and its late blooming season, united with a perfect hardihood, serve to make this one of the very choicest of recent introductions in hardy vines and quite indispensable.

Small plants, 25 cents; blooming-size plants, 50 cents; extra heavy plants, 75 cents to \$1.50.

Clematis vitacella var. Kermesiana. A fine constant bloomer, producing masses of rich velvety-red flowers about two-thirds the size of the ordinary Clematis Jackmanii. Unique in color and in every way desirable. \$1.00.

The following vines, described in proper place in body of catalogue, are of recent introduction and noteworthy :

Ampelopsis quinquefolia var. Englemanni. [Engleman's Woodbine.]

Celastrus paniculatus.

Celastrus punctatus.

Clematis paniculata.

Clematis viorna var. coccinea. [Scarlet Clematis.]

Hedera helix var. Regneriana. [Giant Ivy.]

Schizophrogma hydrangeoides. [Climbing Hydrangea.]

Wisteria brachybotrys. [Short-clustered Wisteria.]

Wisteria multijuga.



Clematis "Mad. Edouard André."

HARDY HERBACEOUS PERENNIALS.

Of these we have by far the most complete collection of any nurserymen in America, our catalogued varieties alone comprising over 1,300 distinct sorts, yet this is but a part of our entire collection. We would call special attention to our *Illustrated Descriptive Catalogue*, in which the cultural directions, descriptions, and illustrations of hardy herbaceous plants are far more complete than can be found in any other catalogue extant, and really form a complete handbook for the cultivation of all hardy trees, shrubs, vines, or plants.

Below we give a list of many new or but little-known plants, all of which are of tested hardihood and will thrive in all ordinary garden soils, and once purchased will always be perennial and increase in flower effect yearly. Every plant mentioned can be highly recommended for general use.

Following each botanical or common name is given the height to which the plant grows, and its blooming season indicated by the numbers of the months.

Achillea Eupatorium. (The Noble Yarrow.) 4 ft. 6 to 10. A plant of strict, bushy habit, with deeply cut, clear-green foliage, and very broad, flat heads of bright-yellow flowers. Fine for cutting. 20 cents.

Ajuga Genevensis. (Geneva Bugle.) 6 in. 5 to 6. A beautiful Swiss plant of dwarf tufted habit, forming in time a dense mat of foliage, which is quite hid in early summer by the profusion of rich, deep-blue flowers in dense spikes. 20 cents.

Amaryllis Hallii. 2 ft. 7 to 8. Of this rare hardy bulb we can offer a good stock of fine healthy bulbs. This is one of the choicest of hardy plants, with broad sword-like foliage in early spring, which dies down in midsummer and is immediately followed by long bare stems surmounted with dense clusters of the most gorgeous, light-pink, fragrant, lily-like flowers. Perfectly hardy and very rare. \$1.00 and \$1.50 each.

Anemone Japonica var. "Whirlwind." A charming variety of American origin which we take pleasure in offering. This plant is of even more vigorous growth than its parent, with handsomer, broader, and thicker foliage, giving promise of a more hardy constitution, which is a point of vast importance, as in the vicinity of Boston, except in well-drained soils, the parent often gives trouble by partial winter-killing. Besides this greater hardihood, the plant is very distinct in the flowers, which are of the purest white and semi-double, borne in immense profusion from late August until hard frost. Each flower on a stiff, clean stem, admirable for cutting purposes. Our illustration is a very faithful representation of this valuable acquisition. 25 cents.

New Hardy Carnation, "Emperor." One of the finest additions to our hardy flowers. A pink of perfect hardihood, forming broad clumps of silvery foliage and producing a profusion of rich crimson, beautifully fringed, very double flowers exquisitely clover-scented. A constant bloomer. 25 cents.

New Hardy Carnation, "Her Majesty." Another choice and perfectly hardy carnation of greatest value for cutting purposes. Flowers large, of purest white, very double, fringed, and richly clover-scented. A constant bloomer until frost. 35 cents.



Astilba Chinensis. 3 ft., July to Aug. A new Chinese plant with tall spikes of flesh-pink flowers. Handsome foliage, finely cut, and of a pleasing shade of green. 50 cents.



Campanula Van Houtteii.

flowers, each two to three inches across, and with clean, long stems for cutting purposes. 25 cents. 6 for \$1.25.

Hemerocallis aurantiaca var. major. A new species of Day Lily from Japan, recently exhibited at the leading horticultural shows in Europe, and eliciting the highest praises. Very large orange-yellow, lily-like flowers in clusters on clean stems in midsummer. *We were awarded a first-class Certificate of Merit for this, by the Mass. Hort. Society on Feb. 20, 1897.* We can offer a limited supply of strong plants at \$1.50 each.

Hemerocallis Thunbergii. 3 ft., July to Aug. A late-blooming species of the yellow Day Lily, with very fragrant, lemon-yellow, trumpet-like flowers. A choice plant for any garden. 25 cents.

Heuchera sanguinea. (Crimson Alum Root.) 18 in., June to Sept. Beautifully cut and marbled evergreen foliage. Flowers of a most intense scarlet-vermilion in dense clusters, which are borne on long, clean stems, admirable for cutting purposes. This plant is seldom out of flower from early summer to late autumn, and can be highly recommended. 30 cents. 6 for \$1.50.

Silent Virginica. (Fire Pink.) 1 ft., June to Aug. Showy rich cardinal flowers, in long-stemmed clusters. A long bloomer, and extremely effective. 25 cents. 6 for \$1.25.

JAPANESE IRIS.

Iris Kaempferii. We have purchased the entire collection of probably the most noted specialist of the Japanese Iris in America, and this, united with our previously good collection, now places us with a preëminent set of the choicest varieties to select from. Below we note nine of the most distinct varieties, and a complete list of all varieties in stock will be gladly supplied to those requesting the same.

Commodore Perry. Rich royal purple; yellow centre.

Dashisha. Double; purest white.

Diamio. Double; dark lilac, veined white.

Jupiter. Double; rich deep blue.

Mr. Buchanan. Double; light blue, yellow centre.

Otentosuma. Semi-double; rich blue and white.

Perfect Gem. Pearly white, veined purple; purple and yellow centre.

Sultan. Purest white, with purple centre.

Tokio. Double; lavender and white; purple and yellow centre.

30 cents each. The set of nine for \$2.00.

Lathyrus latifolius var. albus. (White Perennial Pea.) 5 ft. 6 to 10. A pure-white perennial pea with flowers in dense clusters on clean, wiry stems admirable for cutting purposes, and borne continuously during the summer and early autumn months. No plant could be more highly recommended, while in hardihood and perennial character it is unexcelled. Our stock is grown from cuttings and absolutely true to color. 35 cents.

Lychnis vespertina var. fl. pl. (Double White Champion.) 2 ft. 6 to 10. A stout-growing, bushy plant with oval, light-green foliage and clusters of purest white, very double, fragrant flowers admirable for cutting purposes. This is one of the most constant bloomers, and can usually be depended upon for a goodly supply of flowers at any time during the summer. Choice. 25 cents.

Oenothera macrocarpa. (Giant Evening Primrose.) 1 ft. 6 to 9. A plant of low, tufted habit, forming a top some two feet across, with a constant succession of immense, large, trumpet-shaped, slightly fragrant, pure yellow flowers. An old plant, exceedingly difficult to purchase usually, but of which we have a fine stock of established plants in pots. 25 cents.



Japanese Iris.

PÆONIES.

Our collection of Pæonies comprises more than one hundred distinct sorts. No class of plants are more effective in mid-summer than these, and, either used singly in flower-borders, or in groups at the edge of shrubberies or in beds by themselves, they are always effective in foliage, and simply gorgeous at their season of bloom. Below we give a list of one dozen very distinct sorts, which comprises the range of color to be found in the class, and covers a long blooming season.



Herbaceous Pæonies.

Officinalis rubra plena. Deepest crimson. Very double. Early.

Queen Victoria. Light rose, darker centre.

Francois Ortegat. Purplish crimson. Late.

Roseum elegans. Deep rose. Fragrant.

Whitleyii. Blush white. Sulphur centre. Choice.

Compte de Diesbach. Purplish crimson. Early.

Couronne d'Or. White, tinged yellow; centre petals bordered with red.

Duchess d'Orleans. Dark-rose, tinted violet.

Festiva maxima. Pure white flaked with purple.

Madam Chaumy. Satiny rose. Elegant.

Lady Bramwell. Silvery rose. Elegant form.

Maiden's blush. Rich bright-rose shaded with lighter rose.

Price, 50 cents each; the set of twelve for \$5.00.

TREE PÆONIES.

Of these we have a collection of over 50 varieties, lists and descriptions of which will be sent upon application. Below we list five very distinct sorts.

Moritz d'Italie. White and rose. Large.

Queen Elizabeth. One of the choicest of the class, and of which we have a very superior stock of plants. Rosy crimson in centre, shading off to light rose at the edges. Large, and a free bloomer. \$2.00 each.

Pæonia corallina. A rare species with fine foliage and bright coral-red single flowers in greatest abundance. A plant of the finest merit, and particularly gorgeous at its blooming season. 75 cents.

Penstemon grandiflorus. 2 ft. 7 to 8. We have a fine stock on hand of this rare plant. Handsome glaucous foliage, and long, showy, dense spikes of rich-purple flowers. 35 cents.

Pride of Hong Kong. Pure white.

Van Houtteii. Dark rose and lilac.

Zenobia. Dark, rich maroon. \$1.50.

Price, unless otherwise noted, \$1.00 each.
The set of five, as noted, for \$5.75.

HYBRID PHLOX.

A very varied collection of the newest sorts, of which the following eight varieties are the cream:



Hybrid Phlox.

Erckman Chatrian. Deep amaranth-purple with white eye.

Florence. Purest white. Tall.

Henri Regnault. Bright crimson. Dwarf.

James Bennett. Rich pink.

La Destine. White; rich purple eye.

Lothaire. Brilliant salmon, with rich cardinal eye. Elegant.

Regulus. Deep rose; pink eye. Large.

Robin. Deepest crimson. Early. Tall.

25 cents each. The set of eight varieties for \$1.50.

Polemonium humile (or *P. Richardsonii*). 2 ft. 7 to 8. A charming Rocky Mountain species of the Jacob's Ladder, forming an upright plant with deeply cut, light-green foliage and dense terminal spikes of rich, light-blue flowers. 25 cents.

HYBRID SIEBOLD'S PRIMULAS.

A valuable class of perfectly hardy Primulas with showy terminal clusters of flowers. Very effective. The following is but a partial list of our entire collection, but will give a good representation of the class.

Alba magnifica. Pure white; fringed.

Fimbriata oculata. Red; white eye.

Grandiflora. Deep rose; white eye.

35 cents each. The above set of six for \$1.75

Clarkieflora. Rich, deep magenta.

Sirius. Rosy carmine; light eye.

Reggiana. Purest white.

NEW HYBRID PYRETHRUMS.

In addition to the catalogued sorts of Hybrid Pyrethrums we can now offer the following new sorts that give bright promise. Full list of varieties in stock upon application. All the varieties given below are double:

Haage and Schmidt. Rich carmine.

Iturbide. Purplish crimson.

Prince of Teck. Brilliant crimson.

Penelope. French white; yellow centre.

Triomphe Dessay. Rich lilac-rose.

25 cents each. The ten varieties noted for \$2.00.

Amethyst. Rich purple.

Marquis of Bute. Deep crimson.

Panorama. Rich sulphur.

Wm. Krumper. Rosy lilac.

La Vestale. White, tinged with lilac.

FRUITS.

APPLES.

There are few actually new varieties of Apples that can in any way be recommended over the old standard sorts. The following are not absolutely new, but can be especially recommended as desirable additions.

Hurlburt. A valuable new sort, immediately following the Gravenstein in ripening season; very large size, of roundish-oblate shape; color yellow, with red stripes, and splashed with crimson; flesh white, juicy, very tender, mild sub-acid. A vigorous, broad-spreading tree, extremely productive, and following after the Gravenstein, as it does so closely, and so nearly resembling that apple in quality, size, and appearance, it is especially desirable. 50 cents.

Sutton's Beauty. A remarkable keeping apple of high quality and showy color, is an acquisition of great merit; these qualities are well combined in the Sutton's Beauty Apple. The fruit is medium to large in size, of roundish-oblate shape, beautifully striped with red, crimson, and yellow. The flesh is tender, very juicy, and of a pleasant, mild acid. The fruit keeps well from November to April. 50 cents; extra heavy, \$1.00.

Wolfe's River. A new and very promising apple, keeping well into March; of large size, round shape; colored light green, with broad stripes of red. The flesh is very white, and of a rich sub-acid. A vigorous-growing and very productive tree. 50 cents; extra-sized trees, \$1.00.

CRAB-APPLES.

Few really worthy additions have been made of late. The following little-known sort can be highly recommended, however:

Whitney. A remarkably fruitful tree, with fruit of splendid quality, ripening in August and September; unusually large, roundish-flat, and showily striped with yellow and scarlet; flesh juicy and rich. Choice for preserves or sauces. A vigorous-growing tree. 50 cents.

PEARS.

The following varieties can be recommended as desirable additions:

Idaho. A choice new pear, originating in Lewiston, Idaho. The fruit is very large, rather irregular in form, with yellow skin checked with brownish-red on sunny side. The flesh is of best quality, juicy, vinous, and melting. Season, September. Well worthy of extended cultivation. \$1.00.

P. Barry. A very choice long-keeping pear, quite the best late winter pear known. Large, pyriform; skin orange yellow, covered with russett dots and blotches; flesh very juicy, buttery, fine grained; flavor sprightly; rich and excellent. Resembles Anjou in texture of flesh and Winter Nelis in color of skin and juiciness. Ripens in April. A poor grower requiring top-grafting. \$1.50.

Vermont Beauty. A tree of vigorous growth and a fine bearer. Fruit of medium size, obovate, very handsome yellow with bright carmine cheek; flesh is rich, juicy, piquant, acid, and aromatic. Ripens immediately after the Seckel. One of the finest-flavored pears known. \$1.00.

Wilder Early. This is one of the choicest additions to our list of early pears for a number of years. The productiveness of the tree, the early ripening of the fruit, its freedom from rot at the core, and its high quality, all combine to make it a notable variety. The fruit is small to medium in size, roundish-pyriform in shape, of a rich-brown color, with a bright-red cheek. The flesh is pale whitish-yellow, fine grained, tender and sprightly, sub-acid and melting. A tree worthy of high recommendation for the garden, or as a market fruit. \$1.00.

PLUMS.

Botan or Abundance. Fine Japanese variety of perfect hardihood and immense productive qualities. Fruit large and beautiful, amber, turning to a rich, bright cherry; flesh light-yellow, juicy, tender, and sweet. Season very early. A fine addition. \$1.00.

Burbank. Another valuable Japanese variety, as hardy as the last. Fruit large and beautiful; clear cherry-red, with a thin lilac bloom. The flesh is deep yellow, very sweet, with a peculiar and very agreeable flavor. A tree of unusually vigorous growth, with strong upright shoots, and large, broad foliage. Can be highly recommended. Ripens in September. \$1.00.

Dunlap. A very handsome, large, yellow plum resembling the Yellow Egg, but ripens earlier. Flesh juicy, sweet, of fine flavor. \$1.00.

Grand Duke. A choice new late plum, embracing productiveness and vigor with an absence of the plum rot. Fruit large, dark violet-red, very rich and juicy, ripening in late September. A choice market plum. 75 cents.

Lincoln. A very promising new plum of first-class quality, of vigorous growth, and an exceedingly prolific bearer. Fruit very large, often weighing two ounces each, thick skinned, rendering it quite Curculio-proof. Color bright reddish-purple with a delicate bloom, showy and attractive; flesh light amber, exceedingly juicy, rich, sweet, melting, and luscious, and parting readily from the stone. Ripens from mid-August. \$1.00.

Satsuma. Choice Japanese variety. Fruit large, purplish-red, mottled; flesh firm, juicy, dark-red, very good; pit but little larger than a cherry-stone. Bears very young. 75 cents.

CHERRIES.

Windsor. A very valuable, new, late-bearing cherry, for both home and market use, originating at Windsor, Canada. Fruit large, liver-colored; flesh remarkably firm, and of highest quality. A very prolific bearer, and altogether a tree that can be highly recommended. 75 cents.

Ostheim. Large, dark-red, tender, juicy, and pleasant. Very productive. A very late and promising new variety. 75 cents.

PEACHES.

The most remarkable addition in Peaches is the following, which seems destined to the greatest popularity throughout all Peach sections in New England:

Crosby or Excelsior. A variety originating at Billerica, Mass., within ten miles of our grounds, and which has proved remarkable, in its perfect hardihood, its buds never injuring by the severest frosts, thus ensuring constant yearly crops. The fruit is of medium size, clear orange-yellow, beautifully dotted with bright-crimson; the flesh is bright-yellow, firm and juicy, and of best quality, free from any bitterness, while the pit is remarkably small and entirely free from the flesh. It is an early bearer, and not only very productive, but bears young, and is a sure cropper in the worst seasons. 35 cents, \$3.00 per dozen, \$20.00 per hundred. Heavier trees, 50 cents, \$5.00 per dozen, \$35.00 per hundred.

Champion. A new early Peach described as large, handsome, creamy-white with red cheek. Sweet, juicy, rich, and a freestone. A good shipper. Hardy and productive. 50 cents.

GRAPES.

Green Mountain. [Winchell.] The earliest and best white grape known. Originated on the Green Mountains, at an altitude of 1,400 feet, proving its entire hardihood. Season late August; bunch large and shouldered; berry of medium size; color greenish-white; skin very thin; pulp exceedingly tender and sweet, with but one or two seeds, which separate easily; of the best quality, and very prolific. A fine addition. One-year vines, 50 cents; 2-year, 75 cents.

Mills. A choice new black grape, originating in Hamilton, Ontario. Vine very vigorous and productive, with large and healthy foliage. Bunch very large, compact, shouldered, some clusters often weighing a pound. Berry large, round, jet-black, with thick bloom; flesh firm, meaty, juicy, with a rich sprightly flavor. Ripens nearly with Concord. A good keeper. 75 cents.

Rochester. A new seedling of remarkably vigorous growth, with short-jointed, perfectly hardy wood, and thick, healthy foliage, which has never been known to mildew. Bunch large, shouldered, frequently double shouldered, very compact. Berries medium to large, round, dark-purple or purplish lilac, with thin white bloom. Flesh very sweet, vinous, and aromatic. \$1.00.

CURRENTS.

North Star. The points of excellence are its hardiness, vigorous growth of wood, early fruiting, and great productiveness. The average growth for 1889 (an extremely dry season), on light gravelly soil, was from thirty to thirty-six inches. The size of the berry averages one-half inch in diameter, and the length of the fruit cluster often measures five and six inches, and averages four and one-half inches. It has a naked stem, which attaches the cluster to the wood and allows the fruit to be readily picked. It is superior in quality, rich in flavor, and much less acid than old sorts. The above is the originator's description of a new currant of great value. \$2.50 per dozen.

GOOSEBERRIES.

Columbus. A very remarkable new variety of great promise, originating with a prominent New York nurseryman, whose description is as follows: "It is of large size, oval in form; skin greenish-yellow, smooth, of the finest quality. Plant, a strong robust grower, with large spines or thorns. Foliage large and glossy. Has never shown a trace of mildew." 75 cents each; \$6.00 per dozen.

Chautauqua. An American seedling from the English varieties, which gives remarkable promise; reported very free from mildew, and a most prolific bearer of fruit of largest size and first quality. At the World's Fair this sort gave the highest promise of any of the many sorts shown. \$1.00 each; \$10.00 per dozen.

Golden Prolific. Another American seedling from the English varieties. Perfectly hardy, a good grower, and unusually free from mildew. Fruit large, deep golden-yellow, and of excellent quality. 50 cents each; \$4.00 per dozen.

BLACKBERRIES.

Eldorado. A new Blackberry highly recommended for its great productiveness, hardihood, extra-fine quality, sweetness, and freedom from core. A combination of all that can be desired. A variety originating in Ohio. We have not fruited this variety, but quote above the points claimed by the originators. \$2.50 per dozen.

Lovett's Best. A berry of fine appearance, jet-black, extra high quality, and large size. An immense bearer for an unusually long season. Plant of great vigor and extremely hardy. For shipping or home consumption this berry can be highly recommended. \$1.50 per dozen; \$6.00 per hundred.

RASPBERRIES.

Champlain. A most promising new Raspberry, of which we quote its description: "This valuable, new, yellow Raspberry originated in Vermont. Yellow Raspberries of good quality have heretofore not been sufficiently hardy to withstand severe winters. Binckle's Orange, the best yellow Raspberry in cultivation, is rather tender, and requires protection. The Champlain, coming from the cold regions about Lake Champlain, is destined to supply this want, and we can offer it with confidence, believing it to be the best yellow Raspberry of good quality that is hardy. The fruit is medium to large; color, a beautiful light yellow; in quality it ranks as the best, and is superior to Caroline or Golden Queen. Plant a strong grower, prolific and very hardy." \$1.00 per dozen.

Royal Church. A new Raspberry, originating in Ohio by Mr. Royal Church, and so far has proved an acquisition. It is perfectly hardy, an immense bearer, with a fruiting season of nearly a month. The berries are of large size, of splendid flavor, and of a rich red. Its season of ripening is approximately from July 15 to August 15. It has been very widely tested by the leading Experiment Stations throughout the country, and the reports have been very favorable. 25 cents each; \$2.00 per dozen.

Eureka. A Black Cap Raspberry of greatest promise, of comparatively recent introduction. Fruit very large, glossy black, juicy, and high quality. Hardy, productive. 75 cents per dozen.

Kansas. [Black Cap.] A variety originating at Lawrence, Kansas, where it has proved very valuable. Ripens with the Souhegan. Berries larger than the Gregg, jet black, firm, handsome, and of best quality. Fine for market or home consumption. A berry of great promise, highly recommended by the highest pomological authorities. \$1.50 per dozen; \$6.00 per hundred.

LATEST INTRODUCTIONS OF 1897.

The Borgeat Quince. This splendid new Quince was imported from France, and the original tree has borne in Massachusetts for five seasons without failure. The growth is remarkable, often six feet a season, forming a smooth trunked tree, with a well-developed top. The foliage is very thick, glossy, and double the size of the common sorts. Fruit extra large, round, smooth, and golden, very tender when cooked; keeps sound until February. This variety is spoken of in the highest terms by all who have tested it. \$1.00 each.

The Bismarck Apple. Introduced from New Zealand. Very large. Remarkably handsome and showy; flesh yellow, tender, juicy; quality good; extremely hardy and prolific; early. Season, November to February. 50 cents each.

The Walter Pease Apple. A fine addition. Larger, more productive, better color and flavor, and a longer keeper than the Gravenstein. Fruit is very showy and of superb dessert quality. Flavor a little less acid than the Gravenstein. \$1.00 each.

The Superlative Raspberry. Choice new foreign Raspberry. Very large, fine color, fruit of best quality. Particularly valuable for its hardihood. Can be very specially recommended. 20 cents each; \$2.00 per dozen.

NEW FRUITS.

That we cannot have too much variety in fruits cannot be denied, and any addition of real merit should be freely welcomed. The High Bush Cranberry, Buffalo Berry, Pawpaw, and Dwarf Cherry have each already a well-established local use and value. That the rest of our country should have the benefits of these goes without denying.

THE BUFFALO BERRY.

Shepherdia argentea. Mr. H. E. Van Deman, Pomologist of the Department of Agriculture at Washington, D.C., writes of this as follows: "This wild fruit recently introduced to cultivation is worthy of attention in the cold North-west. It is perfectly hardy and exceedingly productive, the branches being thickly studded with the currant-like fruit. It is a shrub from 5 to 18 feet high, with cuneate oblong leaves, silvery on both sides, and holds its fruit well into the winter. The fruit is both red and yellow in color, with a single slender seed and agreeable acid pulp. It makes a delicious jelly, and is excellent for dessert when dried with sugar." 35 cents each; \$2.50 per dozen.

THE IMPROVED DWARF ROCKY MOUNTAIN CHERRY.

"This rare Cherry, a native of the Rocky Mountains, has been greatly improved by cultivation since its discovery. The fruit is as large as the Morello Cherry, and is far superior in richness and coloring and delicacy of flavor; for preserves or to eat out of hand it has no equal in the line of pitted fruits. The plants are of bushy habit, growing from 2 to 4 feet high, and when loaded with fruit the branches are bent to the ground. It is entirely hardy, and most desirable as an ornamental plant for garden or lawn."

Above is the originator's description of a promising new fruit. 35 cents; \$3.00 per dozen.

THE JAPANESE OLEASTER.

Eleagnus longipes. [Japanese Oleaster.] 8 ft. July. A very valuable new shrub of dense growth, with very ornamental, reddish-brown bark in winter; oval foliage, light-green above and silvery beneath. The flowers appear in late June, and are bright-yellow, on long stalks; but the greatest value, perhaps, of the shrub is in the fruit, which is borne in the greatest profusion along the branches, is of oval shape, and about one-half inch long. The color is deep orange-red, but entirely studded with small scales of gold, giving an ornamental appearance, such as is not to be found in any fruit outside of this family, to our knowledge. Not only is the fruit ornamental, but it is also very palatable, and cooked makes excellent sauce. The bush is a most prolific fruiter even on plants less than two feet high. We can highly recommend this. 50 cents; \$4.00 per dozen. *Our plants are the true variety.*

HIGH BUSH CRANBERRY.

Viburnum opulis. This makes a broad bush with ornamental foliage, and flat heads of small white flowers, followed by showy clusters of bright-scarlet fruits, which have the appearance and flavor of the ordinary Cranberry, and when cooked make fully as pleasing a sauce. The fruit has long been used for this purpose wherever the plant grows native. Single bushes often bear a peck or more of fruit. This plant is of itself a rich ornament to the shrubbery, and is much used in planting parks on account of its showy foliage, flowers, and fruit, which latter cling to the stems until late winter. 35 cents; \$3.00 per dozen.

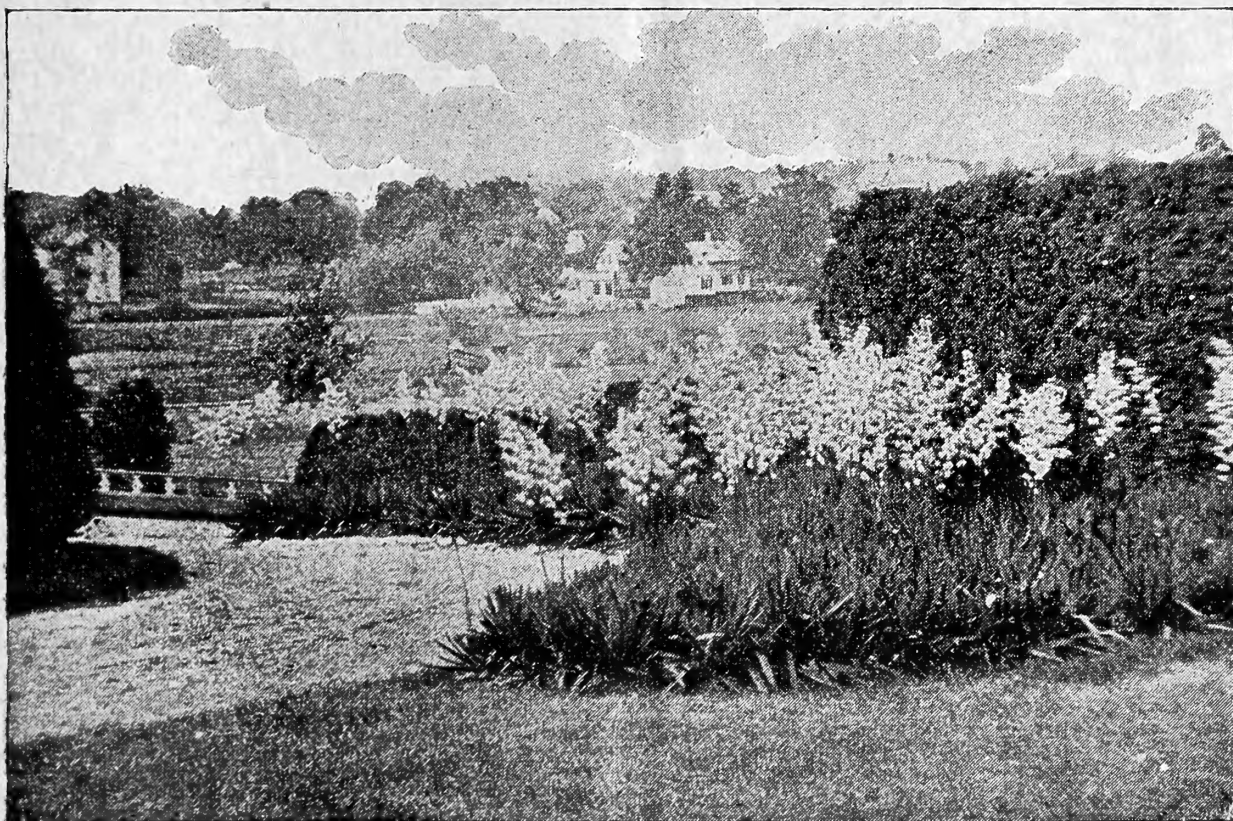
THE JAPANESE WINEBERRY.

Rubus phœnoclasus. So much has been written for and against this fruit that, although we have had the plants for years, yet we have hesitated to advertise it. As the general decision now is that it is a fruit of value, especially for preserving or wine-making, we have decided to describe and offer it as a valuable new garden fruit.

The plant belongs to the Raspberry family, and forms a large, vigorous bush, the stems of which are thickly covered their length with purplish-red hairs. The foliage is large, dark-green above, silvery beneath. The fruit is borne in large clusters, and each berry is at first tightly enveloped by a large hairy calyx, like a burr, which opens and turns back, exposing the showy fruit. The fruit is of medium size, changing in color from amber to bright crimson. The quality is fair and flavor brisk, sub-acid. Canned or cooked for jelly it is valuable, while it makes grand wine. The bush is a most prolific bearer, continuing over a long season. 20 cents each; \$1.50 per dozen.

THE CUT-LEAVED STAG-HORN SUMAC.

Rhus typhina var. laciniata. We take great pleasure in the introduction of this choice new ornamental lawn tree. This is a very deeply cut foliated form of the native Stag Horn Sumac, and is very distinct from the Fern-leaved Sumac (*Rhus glabra var laciniata*) which has been in cultivation for several years past, the foliage of the latter being bipinnate, whereas that of the Cut-leaved Stag Horn Sumac is tripinnate, as our illustration will show. The beautiful, light-green fern-like foliage is particularly sub-tropical in effect, reminding one in many ways of the foliage effect of the New Zealand Tree Ferns. In fact no hardy tree or shrub approaches this in its graceful habit and beautifully cut foliage. A tree of the easiest culture, thriving in all soils, and being particularly adapted for dry and stony situations where few other truly ornamental trees will succeed satisfactorily. As a specimen lawn tree it is unsurpassed, attaining a height of from 10 to 20 feet, and with low, broad-spreading branches, or with a well-developed clean trunk, and bushy top, as best suits the needs of the owner. Ours is the original and only stock of the true variety. Price, \$2.50 each.



Group of Adam's Needles or Spanish Bayonets (*Yucca filamentosa*).
(From a Photograph taken on our Grounds.)

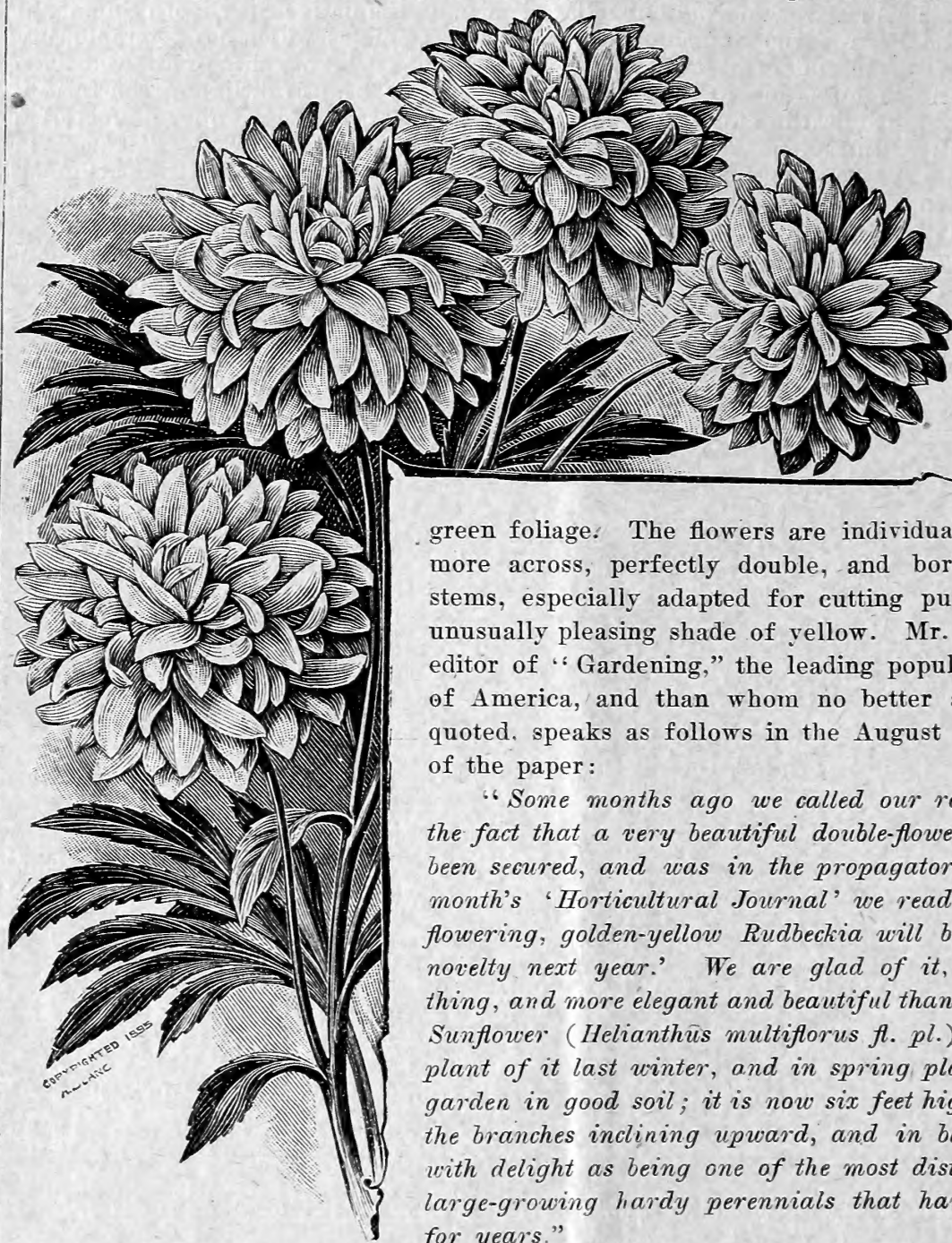
YUCCA FILAMENTOSA.

No class of hardy plants combines so thoroughly complete hardiness and showy foliage effect with profusion of bloom as does the *Yucca filamentosa*, known also as the Ghost Plant. The foliage is evergreen, composed of long, rigid, sword-like, deep-green leaves with white thread-like filaments hanging from the edges; the whole forming a dense, low, globular plant. The flowers are borne in immense panicles on long clean stems, the whole rising to a height of from 4 to 6 feet; each flower is bell-shaped, drooping, creamy white with wax-like petals and a charming light fragrance, and about two inches in diameter. The panicles often contain a hundred or more of these showy flowers each, the whole at times being so heavy as to require staking during the blooming season. In July this plant is at the height of its beauty and lasts for two or three weeks. For single planting or grouped in beds on the lawn the effect is extremely rich, while for planting in the garden or with shrubberies it does not lose its character in any way.

Strong plants, 35 cents; \$3.00 per dozen; \$15.00 per hundred.

NEW DOUBLE GOLDEN RUDBECKIA.

This is one of the finest novelties introduced among Hardy Herbaceous Perennials for many years, combining perfect hardihood with a vigorous habit of growth, and a



marvellous profusion of showy, very double, rich golden-yellow flowers, borne throughout several weeks in mid-summer. The plant grows some six to seven feet high, forming a strong self-supporting bush, with broad, deeply-cut light-

green foliage. The flowers are individually three inches or more across, perfectly double, and borne on long, clean stems, especially adapted for cutting purposes, and of an unusually pleasing shade of yellow. Mr. William Falconer, editor of "Gardening," the leading popular gardening paper of America, and than whom no better authority could be quoted, speaks as follows in the August 15, 1895, number of the paper:

"Some months ago we called our readers' attention to the fact that a very beautiful double-flowered Rudbeckia had been secured, and was in the propagator's hands. In this month's 'Horticultural Journal' we read: 'A large double-flowering, golden-yellow Rudbeckia will be a leading plant novelty next year.' We are glad of it, for it is a good thing, and more elegant and beautiful than the double-flowered Sunflower (*Helianthus multiflorus* fl. pl.). We got a little plant of it last winter, and in spring planted it out in the garden in good soil; it is now six feet high, much branched, the branches inclining upward, and in bloom. We hail it with delight as being one of the most distinct and beautiful large-growing hardy perennials that have been introduced for years."

We have given the novelty a test and find it to be all that is claimed by its disseminators, and can freely recommend it to our customers. Price, 25 cents each.

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The four leading Novelties of 1897:

The New Double Golden Rudbeckia, "Golden Glow."

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